

AS81659/37

FEDERAL SUPPLY CLASS
5935

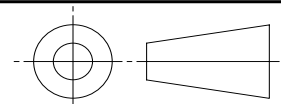
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THIRD ANGLE PROJECTION



CUSTODIAN: AE-8/AE-8C1

PROCUREMENT SPECIFICATION: MIL-C-81659

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

CONNECTORS, ELECTRICAL, RECTANGULAR, PLUG,
CRIMP CONTACTS, (TRIPLE INSERT, TYPE II, CLASS 1,
(-65°C TO +125°C), SERIES 2, SHELL DESIGNATOR A)

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SHEET 1 OF 4

ISSUED 2004-05

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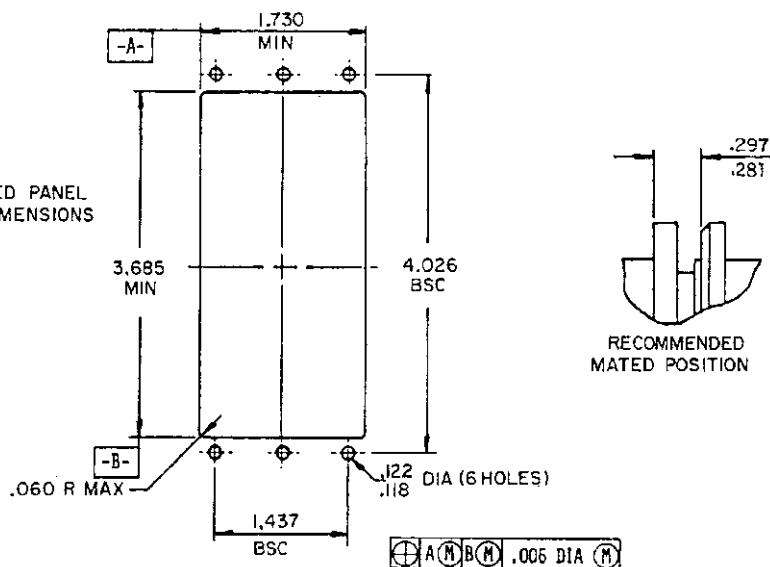
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FOR CONNECTOR DRAWING SEE PAGE 2.

SUGGESTED PANEL
CUT-OUT DIMENSIONS

INCHES	MM	INCHES	MM	INCHES	MM	INCHES	MM	INCHES	MM
.006	.15	.178	4.52	.7185	18.25	1.437	36.50	2.015	51.18
.047	1.19	.198	5.03	.885	22.48	1.447	36.75	2.320	58.93
.060	1.52	.225	5.72	.897	22.78	1.541	39.14	3.675	93.35
.093	2.36	.235	5.97	.928	23.57	1.720	43.69	3.685	93.60
.117	2.97	.281	7.14	.948	24.08	1.730	43.94	4.026	102.26
.118	3.00	.297	7.54	1.367	34.72	1.985	50.42	4.340	110.24
.122	3.10	.521	13.23	1.387	35.23	2.013	51.13	4.370	111.00
.133	3.38	.541	13.74	1.427	36.25				

NOTES:

1. DIMENSIONS ARE IN INCHES.
2. METRIC EQUIVALENTS (TO THE NEAREST .01 MM) ARE GIVEN FOR GENERAL INFORMATION ONLY AND ARE BASED UPON 1 INCH = 25.4 MM.
3. DIMENSIONS APPLY AFTER PLATING.
4. NORMAL (01) POLARIZATION POSITION SHOWN. FOR ALTERNATE POSITIONS SEE MIL-C-81659.
5. FOR LOCATION OF DATUMS G AND H REFER TO MIL-C-81659, FIGURE 8.

REQUIREMENTS:

INSERT ARRANGEMENTS SHALL BE IN ACCORDANCE WITH MS3157.

CONTACTS SHALL BE IN ACCORDANCE WITH MIL-C-39029/11 OR MIL-C-39029/12 AS APPLICABLE.

INSTALLING AND REMOVAL TOOLS SHALL BE IN ACCORDANCE WITH MS3156 OR MS3447.